

6 GEORGE V

SESSIONAL PAPER No. 20f

A. 1916

TELEGRAPH STATISTICS

OF THE

DOMINION OF CANADA

FOR THE

YEAR ENDED JUNE 30

1915

PRINTED BY ORDER OF PARLIAMENT



OTTAWA

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EXCELLENT MAJESTY

1916

[No. 20f—1916]

*To Field Marshal, His Royal Highness Prince Arthur William Patrick Albert,
Duke of Connaught and of Strathearn, K.G., K.T., K.P., etc., etc., etc.,
Governor General and Commander in Chief of the Dominion of Canada.*

MAY IT PLEASE YOUR ROYAL HIGHNESS:

The undersigned has the honour to present to your Royal Highness the Annual Report of the Comptroller of Statistics in relation to the telegraph interests of the Dominion of Canada for the year ended June 30, 1915.

F. COCHRANE,
Minister of Railways and Canals.

To the Honourable F. COCHRANE,
Minister of Railways and Canals.

SIR,—I have the honour to submit the report of the Comptroller of Statistics in relation to the telegraph interests of the Dominion of Canada for the year ended June 30, 1915:

I have the honour to be sir,

Your obedient servant,

A. W. CAMPBELL,
Deputy Minister of Railways and Canals.

OFFICE OF THE COMPTROLLER OF STATISTICS,
OTTAWA, March 15, 1916.

A. W. CAMPBELL, Esq., C.E.,
Deputy Minister of Railways and Canals.

SIR,—I have the honour to submit herewith Telegraph Statistics for the year ended June 30, 1915.

As in preceding years, all the telegraph organizations operating in Canada made reports in accordance with the statistical requirements of the Department.

It is not deemed expedient to repeat the historical data which appeared in Telegraph Statistics for 1911 and 1912. The purpose then in view has been served.

The reports for 1915 show a decline in operating results as compared with the preceding year. The details will be found in subsequent paragraphs of these introductory observations, and in tables constituting the body of the report.

ORGANIZATION.

The following data with respect to organization on June 30, 1914, are collateral to the statistical tables on succeeding pages:—

Anglo-American Telegraph Company, Limited.—Chairman of the Board, Francis A. Bevan; Directors, Messrs. Francis A. Bevan, Robert H. Benson, and Sir Herbert S. Leon, Bart.; Secretary, William Miles, Winchester House, Old Bond Street, London, England. The Company has leased its whole undertaking to the Western Union Telegraph Company, of New York, for 99 years from 1st April, 1911.

Canadian Northern Telegraph Company.—President, Sir William Mackenzie; Vice-Presidents, Sir Donald Mann and D. B. Hanna; Directors, Sir William Mackenzie, Sir Donald Mann, Messrs. Z. A. Lash, K.C., R. J. Mackenzie, and D. B. Hanna; Secretary, R. P. Ormsby; Treasurer, L. W. Mitchell; Solicitor, Gerard Ruel; General Auditor, J. D. Morton; General Superintendent, W. C. Muir. The headquarters of the Company are at Toronto.

Canadian Pacific Railway Company's Telegraph.—President, Sir Thomas G. Shaughnessy, K.C.V.O.; Vice-Presidents, I. G. Ogden, G. M. Bosworth, and G. Bury, E. W. Beatty, G. Hall; Directors, Sir Thomas G. Shaughnessy, Sir Thomas Skinner, Bart., Sir William C. Van Horne, Sir Edmund B. Osler, M.P., R. B. Angus, H. S. Holt, W. D. Matthews, C. R. Hosmer, A. M. Nanton, Hon. Robert Mackay, D. McNicholl, and Hon. James Dunsmuir, J. K. L. Ross; Secretary, W. R. Baker, C.V.O.; Treasurer, H. E. Suckling; General Counsel, E. W. Beatty; Comptroller, J. Leslie; General Auditor, F. E. Shrimpton; Manager, J. McMillan. The headquarters of the Company are at Montreal.

Dominion Government Telegraph Service.—This service is administered by the Department of Public Works, Ottawa. Mr. D. H. Keeley is the General Superintendent. Operations are carried on in those outlying sections of the Dominion which are not served by commercial telegraph organizations.

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Grand Trunk Pacific Telegraph Company.—President, E. J. Chamberlin; Vice-Presidents, M. Donaldson and W. H. Ardley; Directors, Messrs. E. J. Chamberlin, W. H. Biggar; W. H. Ardley, M. Donaldson, Howard G. Kelley, and A. B. Smith; Secretary, Henry Phillips; Treasurer, Frank Scott; General Counsel, W. H. Biggar, K. C.; Auditor, W. H. Ardley, Manager, A. B. Smith. Headquarters, Montreal.

Great North Western Telegraph Company.—President, Z. A. Lash; Vice-President, Adam Brown; Directors, Messrs. Adam Brown, James Hedley, Newcomb Carlton, Hon. J. K. Kerr, E. Y. Gallaher, A. Jarvis, F. B. Hayes, and Z. A. Lash; Secretary, A. C. McConnell; Treasurer, D. E. Henry; General Manager, George D. Perry. Headquarters, Toronto.

North American Telegraph Company.—President, C. F. Sise; Vice-President, Hon. Robert Mackay; Directors, Messrs. C. F. Sise, Hon. Robert Mackay, Robert Archer, Hugh Paton, Charles Cassils, L. B. McFarlane, and W. H. Black; Secretary-Treasurer, J. H. Hoppes, Kingston, Ontario.

Temiskaming and Northern Ontario Railway Commission.—Chairman of the Board, J. L. Englehart; Commissioners, Denis Murphy and George W. Lee; Secretary-Treasurer, W. H. Maund; Accountant, T. J. Gracey. Headquarters, Toronto.

Western Union Telegraph Company.—President, Newcomb Carlton; Vice-Presidents, G. W. E. Atkins and Belvidere Brooks; Directors, Messrs. Oliver Ames, William Vincent Astor, Henry A. Bishop, Newcomb Carlton, Robert C. Clowry, Henry W. DeForest, Chauncey M. Depew, William Fahnestock, Donald G. Geddes, Geo. J. Gould, Thomas H. Hubbard, Chauncey Keep, Robert S. Lovett, Edwin G. Merrill, Percy A. Rockefeller, Jacob H. Schiff, Mortimer L. Schiff, James Stillman, William H. Truesdale, and Albert H. Wiggin; Secretary, William H. Baker; Treasurer, Lewis Dresdner; Comptroller, E. Y. Gallaher; General Attorney, George H. Faerons. Headquarters, 195 Broadway, New York.

Halifax and Bermudas Cable Company, Limited.—President, Sir Thomas Skinner, Baronet; Directors, Sir Thomas Skinner, Bart., George Gray Ward, Frederick Ward, Thomas Hewitt-Skinner, and William Morrey Kent; General Manager and Secretary, Joseph Rippon, 33 Old Broad Street, London, England.

Pacific Cable Board.—Chairman of the Board, Sir H. Babington Smith, K.C.B., C.S.I., Sir W. H. Mercer, K.C.M.G. (Crown Agent for Colonies), and Sir G. O. Gibb, Chairman Road Board, representing the Imperial Government; Vice-Chairmen, A. Lang, Hon. G. H. Perley, representing Canadian Government, Right Hon. Sir G. H. Reid, P.C., G.C.M.G. (High Commissioner for Australia), Sir T. A. Coghlan, K.B., I.S.O. (Agent General for New South Wales) representing Australian Government, Hon. T. MacKenzie (High Commissioner for New Zealand) representing New Zealand Government; Secretary, F. J. Adye; Manager (stationed in the Pacific), J. Milward.

Marconi Wireless Telegraph Company.—President, Andrew A. Allan; Vice-President, Guglielmo Marconi, D.Sc., LL.D.; Directors, J. N. Green-shields, K.C., Robert Bickerdike, M.P., G. M. Bosworth, W. D. Birchall, Godfrey C. Isaacs, E. J. Nally, and J. H. Lauer; Secretary-Treasurer, Alex. E. Reoch. Headquarters, Montreal.

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CAPITALIZATION AND COST.

The situation with respect to both capitalization and cost is somewhat confusing. There are a number of organizations which have neither stocks nor bonds outstanding, and which are unable to report the cost of their telegraph systems. The Canadian Pacific Railway Company's telegraph is a case in point. Primarily, many of the lines were built as a part of the railway system of the Company, and the cost was wrapped up with capital expenditures for purely railway purposes. Many stretches of wire are also used for both train despatching and the transmission of commercial messages. The case of the Pacific Cable Board illustrates another aspect of the matter. This cable line is owned jointly by the United Kingdom and the several British Dominions concerned, and the cost for the purposes of these statistics is the cost of equipment within the Dominion of Canada. With these explanations the facts given herewith will be understood.

Following is the capitalization of companies having headquarters in Canada:—

	Stocks.	Bonds.
	\$	\$
Canadian Northern Telegraph Company.....	500,000	800,000
Grand Trunk Pacific Telegraph Company.....	100,000	
Great North Western Telegraph Company.....	500,000	
Marconi Wireless Telegraph Company.....	5,000,000	
North American Telegraph Company.....	200,000	
Total.....	6,300,000	800,000

The figures of cost relating to Canadian companies were as follows:—

Canadian Pacific Railway Company's Telegraph.....	\$6,696,421
Dominion Government Telegraph Service.....	2,829,890
North American Telegraph Company.....	56,663
Pacific Cable Board.....	55,000
Temiskaming and Northern Ontario.....	39,800
Total.....	<u>\$9,677,774</u>

Table No. 1 will afford information with respect to the capitalization of companies having headquarters outside of Canada.

EARNINGS AND OPERATING EXPENSES.

Receipts from operation in 1915 amounted to \$5,536,337.46, as against \$5,983,204.04 in 1914. This involved a decrease for the year of \$446,866.58.

It should be explained that the earnings of the Western Union Telegraph Company include an arbitrary assignment of a certain amount for such business as is merely relayed across certain portions of Canada from the cable station at Canso, N.S., to points in the United States.

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Following were the accounts which made up gross revenue in 1915 and the three preceding years:—

	1912.	1913.	1914.	1915.
	\$ cts.	\$ cts.	\$ cts.	\$ cts.
Local messages.....	2,751,490 21	3,187,127 53	2,859,101 22	2,562,563 60
Conjoint messages.....	1,385,586 01	1,409,449 78	1,358,194 12	1,187,638 24
Press reports.....	158,839 88	123,568 89	143,798 85	122,422 04
Market reports.....	98,437 70	103,710 58	99,638 33	40,723 86
Cablegrams.....	484,713 68	682,456 78	711,326 89	806,309 23
Money Orders.....	40,770 61	49,730 08	56,416 96	39,975 56
Leased wires.....	288,009 44	297,083 40	305,746 19	279,018 76
Miscellaneous.....	151,339 39	242,085 84	443,981 48	497,686 17
Total.....	5,359,188 92	6,095,212 90	5,983,204 04	5,536,337 46

By comparing the several items in the foregoing statement a fair understanding will be had of the fluctuations in revenue during the past four years. It will be observed, for example, that, while a large increment has occurred in receipts from cablegrams, local messages have yielded a considerably lower revenue. It is not easy to identify the cause of this latter change, except it be in the increasing use of the telephone.

Operating expenses in 1915 had a total of \$4,129,165.82. The amount in 1914 was \$4,242,539.73.

Operating expenses were equal to 75.07 per cent of gross earnings. There has been a steady rise in this since 1912. The record is as follows:—

1912.....	\$65.83	1914.....	\$70.91
1913.....	66 84	1915.....	74 59

The difference between gross earnings and operating expenses in 1915 was \$1,407,171.61, as compared with \$1,740,664.31 in 1914. The facts in this regard for the past four years are shown in the following statement:—

1912.....	\$1,831,367	1914.....	\$1,740,664
1913.....	2,060,732	1915.....	1,407,172

It is impracticable, owing to the situation already described, to measure these net earnings against capitalization; but table 1 will supply the information for such calculations as are possible.

Following are the details of operating expenses in 1915 and the three preceding years:—

	1912.	1913.	1914.	1915.
	\$ cts.	\$ cts.	\$ cts.	\$ cts.
Salaries and wages.....	2,583,887 50	2,884,590 20	2,908,697 07	2,735,956 57
Stationery and printing.....	31,060 14	29,442 65	39,133 22	40,979 18
Line and equipment.....	372,344 25	402,149 33	674,086 18	762,658 14
Buildings.....	229,046 58	241,486 31	271,155 67	257,427 28
Legal expenses.....	2,177 40	3,918 59	2,858 35	743 19
Insurance.....	3,960 37	2,448 24	5,186 25	7,856 93
Commissions.....	143,070 03	141,854 06	130,877 51	114,840 14
Taxes.....	23,665 25	20,539 05	30,971 86	31,257 87
Miscellaneous.....	138,610 44	308,072 00	179,573 62	177,446 52
Total.....	3,527,821 96	4,034,480 43	4,242,539 73	4,129,165 82

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The following statement shows how gross earnings in 1915 and three years preceding were distributed among the various companies:—

	1912.	1913.	1914.	1915.
	\$ cts.	\$ cts.	\$ cts.	\$ cts.
Canadian Northern Telegraph Company.....	226,445 45	276,739 70	264,615 03	149,785 67
Canadian Pacific Railway Company.....	3,009,767 84	3,286,508 95	2,991,273 06	2,504,241 50
Dominion Government Telegraph Service...	200,330 20	215,526 11	253,112 57	225,944 27
Grand Trunk Pacific Telegraph Company...	55,392 47	72,126 80	81,975 51	75,268 01
Great North Western Telegraph Company	1,161,414 92	1,244,302 67	1,252,930 14	1,295,774 91
Halifax and Bermudas Cable Company.....	68,805 00	69,710 00	77,465 00	87,930 00
Marconi Wireless Telegraph Company.....	143,018 00	218,660 00	239,006 70	306,615 47
North American Telegraph Company.....	26,331 42	22,023 49	23,849 95	19,843 40
Pacific Cable Board.....	73,861 40	85,166 60	98,558 25	113,657 52
Temiskaming and Northern Ontario Com- mission	38,932 03	36,297 73	32,165 17	24,912 01
Western Union Telegraph Company.....	354,888 19	568,150 85	668,252 66	732,364 70
Total.....	5,359,188 92	6,095,212 90	5,983,204 04	5,526,337 46

Operating expenses in 1915 and the three years preceding were distributed among the reporting units as follows:—

	1912.	1913.	1914.	1915.
	\$ cts.	\$ cts.	\$ cts.	\$ cts.
Canadian Northern Telegraph Company.....	108,143 11	141,742 68	153,603 95	89,693 28
Canadian Pacific Railway Company.....	1,435,944 28	1,691,953 38	1,613,687 64	1,382,507 16
Dominion Government Telegraph Service...	505,731 73	491,550 80	623,755 29	632,674 98
Grand Trunk Pacific Telegraph Company...	48,264 54	62,236 13	93,870 12	105,405 76
Great North Western Telegraph Company..	839,602 95	911,884 98	947,964 56	993,495 52
Halifax and Bermuda Cable Company.....	26,140 00	25,695 00	20,403 00	25,200 00
Marconi Wireless Telegraph Company.....	148,485 00	218,597 00	231,848 08	285,552 85
North American Telegraph Company.....	13,983 16	21,084 55	21,607 59	21,640 24
Pacific Cable Board.....	122,708 13	69,649 69	76,146 92	85,753 07
Temiskaming and Northern Ontario Com- mission	11,100 27	12,495 34	11,150,00	13,190 72
Western Union Telegraph Company.....	206,828 81	387,590 88	448,502 58	494,052 24
Total.....	3,527,821 96	4,034,480 43	4,242,539 73	4,129,165 82

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INCOME ACCOUNT.

Following is a summary of table 4 in relation to the Income Account of telegraph organizations:—

Gross revenue.....	\$5,294,593 49
Operating expenses.....	3,467,058 71
Net operating revenue	\$1,857,672 53
Additions—	
From outside operations...	\$ 3,353 17
Rents...	11,134 03
From securities held.....	1,312 50
Other items	—
	15,799 70
Gross corporate income	\$1,873,472 23
Deductions—	
Taxes.....	\$ 24,182 00
Interest on bonds.....	20,000 00
Other deductions.....	26,907 94
	71,089 94
Net corporate income....	\$ 1,802,382 92
Disposal of net corporate income—	
Dividends.....	\$ 226,914 00
Reserves.....	27,996 73
	254,910 73
Balance	\$ 1,547,471 56

The outstanding feature in the foregoing statement, as was also the case in 1914, is the large balance carried forward to profit and loss. The details may be studied in table 4.

EQUIPMENT.

During the year careful enquiries were made looking to the enlargement of the schedule at present prescribed with respect to equipment, but difficulties were encountered. There has not been a definite standardization of telegraphic instruments. It is believed, however, that this obstacle to the elaboration of the existing official schedule can be fairly met. The matter will have further attention during the current year.

Following are the facts with respect to pole and wire mileage, by provinces, for 1915 and the three years preceding.

Province.	Pole Mileage.				Wire Mileage.			
	1912.	1913.	1914.	1915.	1912.	1913.	1914.	1915.
Nova Scotia.....	2,828	2,907.25	2,931.75	2,944.00	9,878	9,412.49	10,912.23	11,474.45
New Brunswick.....	1,867	2,251.25	1,910.25	2,000.25	8,376	7,297.34	8,444.79	8,690.80
Quebec.....	7,515	7,035.25	6,851.00	6,836.25	24,249	25,242.20	22,296.25	22,579.00
Ontario.....	10,514	11,166.90	11,258.40	11,164.40	58,207	47,682.55	66,245.55	66,183.35
Manitoba.....	3,803	3,808.00	3,908.75	4,210.40	18,184	13,697.10	19,377.80	21,884.75
Saskatchewan.....	5,382	5,863.65	6,749.10	6,947.85	21,257	19,499.80	26,830.40	27,062.05
Alberta.....	2,895	3,476.05	4,050.50	4,949.20	14,491	16,193.05	19,286.70	22,494.75
British Columbia..	3,467	5,838.14	6,699.64	7,319.31	10,571	13,192.46	19,181.72	21,866.25
Yukon.....	2,498	688.00	688.00	586.00	2,713	688.00	588.00	586.00
Newfoundland	14	14.00	14.00	14.00	14	14.00	14.00	14.00
	40,785	43,048.49	45,061.39	46,971.66	167,939	152,918.99	193,277.44	202,835.40

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It will be observed that substantial increases took place during the year in both pole and wire mileage. The latter is the more important, since it indicates a larger availability of telegraph service.

The wire mileage in 1915 and three preceding years was distributed, by classes, as follows:—

	1912.	1913.	1914.	1915.
	Miles.	Miles.	Miles.	Miles.
Galvanized.....	116,974	122,168	126,886	132,343
Copper—overhead	50,100	29,417	21,606	27,812
Copper—underground.....	254	178	737	748
Copper—submarine.....	689	636	673	649
Multiple.....	36,218	39,794	43,395	41,283

"Multiple" must be understood as applying to wire used for the duplex and quadruplex systems. Each mile of wire is, however, capable of serving the purpose of from two to four miles under ordinary conditions. The count is based on actual mileage of wire.

PUBLIC SERVICE.

The decline in gross earnings, particularly from local messages, is reflected in a lower public service by telegraphic organizations in 1915. The number of land messages decreased during the year from 11,980,869 to 9,952,135. The record of land messages since statistics were available is as follows:—

1912.....	9,252,540	|	1914.....	11,980,869
1913.....	11,176,753	|	1915.....	9,952,135

The number of cablegrams was 977,389, as compared with 983,061 in 1914. The falling off in numbers in this instance was coincident with an increase in revenue from cable service, showing that the average toll per message was higher for the year. The cablegram record is as follows:—

1912.....	768,559	|	1914.....	983,061
1913.....	877,534	|	1915.....	977,389

EMPLOYEES.

The returns for 1915 showed a small increase in the number of employees. The figures for the year were 6,243, as against 6,150 for 1914.

There were 4,010 operators, of whom 3,677 were males, and 333 females. In 1914 there were 3,062 males and 319 female operators,

Other officers and employees numbered 2,233, a decline of 536 for the year.

Salaries and wages had a total of \$2,946,327.74, as compared with \$3,214,140.44 in 1914.

The foregoing total of salaries and wages was equal to 71.3 per cent. of operating expenses. In 1914 the ratio was 75.8.

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NUMBER OF OFFICES.

For the first time the facts with respect to the number of offices, and their distribution by provinces, were ascertained. The returns gave the following results:—

Nova Scotia.....	288
New Brunswick.....	159
Prince Edward Island.....	2
Quebec.....	817
Ontario.....	1,246
Manitoba.....	420
Saskatchewan.....	610
Alberta.....	296
British Columbia.....	643
Yukon.....	54
Total	4,575

FINANCIAL PAPER.

It was deemed advisable to require telegraph corporations to report the amount of financial paper handled, and the returns disclosed a total of \$665,254.92 for 1915. This information was not gathered in previous years, so that comparisons are impracticable.

STATISTICAL TABLES.

Following these introductory observations and summaries are tables giving statistical information in detail with regard to the various reporting units.

I have the honour to be, sir,
Your obedient servant,

J. L. PAYNE,
Comptroller of Statistics.

TELEGRAPH STATISTICS

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Table 1.—Capital Liability, Cost, Gross Revenue, and Operating Expenses.

Name of Company.	Addres.	Capital Stock.	Funded Debt.	Cost of Real Property and Equipment.	Revenue from Operation.	Operating Expenses.	Operating Revenue.	Net Operating Loss.
Atchison, Topeka and Santa Fe Ry. Co.	Atchison, Kans.	\$1,000,000.00		\$1,000,000.00				
Atlantic Telegraph Co.	New York	\$1,000,000.00						
Canadian Northern Telegraph Co.	Toronto	\$1,000,000.00		\$1,000,000.00				
Canadian Pacific Railway Co.	Montreal							
Direct International Telegraph Co., Ltd.	London, Eng.							
Dominion Government Telegraph Service (D.G.T.S.)	Ottawa							
Great Northern Pacific Telegraph Co.	Montreal							
Great South Western Telegraph Co. of Canada	Pearson							
Hudson and Labrador Telegraph Co., Ltd.	London, Eng.							
Montreal Watch Telegraph Co. of Canada Ltd.	Montreal							
North American Telegraph Co.	Kingsbridge, Ont.							
Positive Cable Board	London, Eng.							
Pontiac and Northern Mutual Rail Way Company	Pontiac							
Western Union Telegraph Co.	New York							
Total								

* In Canada only. † For half-year ended Dec. 31, 1914.

TABLE 2.—Gross Revenue and the Sources Thereof.

Name of Company	Total Receipts		Conjoint Messages		Press Reports		Market Report		Money Orders		Postal Wires		Mail Income		Total Gross Receipts	
	\$	cts.	\$	cts.	\$	cts.	\$	cts.	\$	cts.	\$	cts.	\$	cts.	\$	cts.
Scandinavian Northern Telegraph Co.	1,03,217.00		5,621.12		1,280.01		1,000.82		103.25		1,614.91		9,150.25		757.37	149,785.61
Canadian Pacific Railway Co.	1,611,020.36		709,273.48		23,805.35		1,176.65		191,004.11		16,487.36		215,856.78		22,527.41	2,504,211.50
Dominion Government Telegraph Service.			225,914.27													225,914.27
Grand Trunk Pacific Telegraph Co.	70,000.00		1,080.10													75,080.10
Great Western Telegraph Co. of Canada	112,464.20		525,807.81		76,064.07		11,161.36		121,505.37		11,008.01		26,655.36		81,739.10	1,245,674.9
Hudson and Labrador Cable Co., Ltd.			2,240.00													2,240.00
Montreal Wireless Telegraph Co. of Canada, Ltd.			1,061,214.8		140.02		56,000.52		118,570.71		56,615.17					1,235,700.00
North Western Telegraph Co.	2,608.44		13,022.17		1		615.18		110.80		11,153.17		11.51		110,841.44	14,745.71
Pacific Cable Board																113,657.72
Trans-Siberian and Northern Chinese Rail Way Commission			8,825.00		15,806.61											21,911.61
Western Canadian Telegraph Co.	273,072.14				15,211.16		1,180.01		146,596.56		7,655.37					418,617.44
Totals			2,562,561.60		1,187,618.24		122,122.01		10,721.80		49,475.56		270,018.74		497,686.17	2,536,717.46

φ Ship's messages * Includes \$188,722 cable expenses at relay station. | Included in conjoint. § Includes sub-totals. || Included in monthly finding Dec. 31, 1911.

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TABLE 3.—Operating Expenses.

Name of Company	Stationary and Printing Salaries	Mun- icipal Employees of Local Buildings	In- surance Com- muni- ties	Taxes		Mineral Wines	Op- erating Expenses
				Local Buildings	Local Buildings		
Canadian Northern Railway Co.	56,563.96	2,805.01	8,017	8,017	8,017	8,017	8,017
Canadian Pacific Railway Co.	1,105,079.67	51,001.00	226,312.70	11,614.78	11,614.78	11,614.78	11,614.78
Dominion Telegraph Co.	107,596.61	5,899.04	121,218.50	6,026.04	6,026.04	6,026.04	6,026.04
Grand Trunk Pacific Telephone Co.	35,179.21	2,085.01	67,792.00	6,028.00	6,028.00	6,028.00	6,028.00
Globe & South Western Telegraph Co. Ltd.	548,591.84	19,515.45	100,106.19	1,007.51	1,007.51	1,007.51	1,007.51
Hudson and Hudson's Cable Co., Ltd.	18,500.00	0.00	511.00	0.00	0.00	0.00	0.00
Macmillan, Williams & Beaufort Co. of Canada Ltd.	154,027.66	11,116.61	1,018.70	10,108.27	10,108.27	10,108.27	10,108.27
North American Telegraph Co. Ltd.	1,601.16	73.02	845.15	7,652.80	7,652.80	7,652.80	7,652.80
Pattison Cable Board.	6,161.07	3,061.07	3,174.10	12,773.97	12,773.97	12,773.97	12,773.97
Telus-SaskTel and Northern Ontario Rail-Way Company	1,010.30	1,010.30	1,010.30	1,010.30	1,010.30	1,010.30	1,010.30
Western Union Telegraph Co. Ltd.	6,751.15	5,721.15	1,07,002.61	107,002.61	107,002.61	107,002.61	107,002.61
Total	7,566,931.14	\$10,114.87	31,257.57	741,194	741,194	741,194	741,194
	7,566,931.14	\$10,114.87	31,257.57	741,194	741,194	741,194	741,194

Included in "Maintenance of Line."

[†] Includes maintenance of buildings.

DEPARTMENT OF RAILWAYS AND CANALS

6 GEORGE V, A. 1916

TABLE 4.—Income Account for the Year ended June 30, 1915.

Name of Proprietary Company.	Gross		Net Operating Revenue		Net Operating Expenses		Additions.		Gross		Net Operating Revenue	
	Rentals	Operations	Rents.	Operations	Rents.	Operations	Rents.	Other Income,	Total.	Income	Rents.	Operations
Central North Telegraph Co.	100,785 67	89,665 18	60,002 60	60,002 60	60,002 60	60,002 60	60,002 60	60,002 60	1,421,734 34	1,421,734 34	60,002 60	60,002 60
Central Private Railways Co.	2,704 241 56	1,182,507 16	1,121,734 34	1,121,734 34	1,121,734 34	1,121,734 34	1,121,734 34	1,121,734 34	30,137 75	30,137 75	1,121,734 34	1,121,734 34
Central Turkish Post & Telegraph Co.	75,208 01	105,405 76	97,1,688 29	97,1,688 29	97,1,688 29	97,1,688 29	97,1,688 29	97,1,688 29	12,414 98	12,414 98	97,1,688 29	97,1,688 29
Central South-Western Telegraph Co. of Canada Ltd.	87,964 00	25,400 00	62,730 00	62,730 00	62,730 00	62,730 00	62,730 00	62,730 00	62,730 00	62,730 00	62,730 00	62,730 00
Montreal Western Telegraph Co. of Canada Ltd.	306,615 41	182,572 8	21,062 62	21,062 62	21,062 62	21,062 62	21,062 62	21,062 62	5,728 16	5,728 16	21,062 62	21,062 62
North American Telegraph Co.	16,175 68	14,115 21	2,360 44	2,360 44	2,360 44	2,360 44	2,360 44	2,360 44	3,367 72	3,367 72	2,360 44	2,360 44
Postal Telegraph Co.	113,657 52	85,733 07	27,904 45	27,904 45	27,904 45	27,904 45	27,904 45	27,904 45	11,721 29	11,721 29	27,904 45	27,904 45
Financial and Settlement Railways Co. Ltd., 1910.	24,912 01	11,160 72	11,721 29	11,721 29	11,721 29	11,721 29	11,721 29	11,721 29	11,721 29	11,721 29	11,721 29	11,721 29
Western Union Telegraph Co.	732,647 0	101,052 21	238,312 46	238,312 46	238,312 46	238,312 46	238,312 46	238,312 46	238,312 46	238,312 46	238,312 46	238,312 46
Total	5,201,791 49	1,467,058 71	1,857,612 53	1,857,612 53	1,857,612 53	1,857,612 53	1,857,612 53	1,857,612 53	15,709 70	15,709 70	1,857,612 53	1,857,612 53

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For six months ending Dec. 31, 1914. † Rental of leased lines.

DEPARTMENT OF RAILWAYS AND CANALS

6. GEORGE V, A. 1916

TABLE 5.—Pole Mileage and Wire Mileage by Classes.

Name of Company	Pole Miles		Wire Miles		Copper Wire		Wire Miles	
	Operated by Companies		Operated by Companies		Operated by Companies		Operated by Companies	
	Miles	Miles	Miles	Miles	Miles	Miles	Miles	Miles
Canadian Northern Telegraph Company	6,357.00	75.00	19,013.00	60.00	51.70	170.00	51.70	170.00
Canadian Pacific Railway Co.	11,318.00	11,433.00	18,415.00	100.00	114.00	114.00	114.00	114.00
Dominion Government Telegraph Service	10,487.00	11,096.25	11,016.00	—	35.25	—	35.25	—
Grand Trunk Pacific Telegraph Co.	3,185.00	8,187.25	6,113.25	—	—	—	—	—
Great North Western Telegraph Co. of Canada	4,305.00	4,101.00	2,136.00	275.00	111.00	3,140.00	3,140.00	3,140.00
North American Telegraph Co.	664.00	44.00	—	—	—	—	—	—
Timiskaming and Northern Ontario Ry. Co.	13.00	13.00	1.407.00	—	—	—	—	—
Western Union Telegraph Co.	2,810.00	17,530.00	18.00	18.00	151.10	111.00	151.10	111.00
Total	46,846.00	45.00	122,311.00	275.00	417.70	610.55	417.70	610.55

† Total. * Conditional miles.

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TABLE 6.—Messages, Employees, Remuneration, etc.

Name of Company.	Address.	Number of Operators			Number Other Officers and Employees	Salaries and Wages,	Amount of Financial Paper Handled.
		Number of Cable- grams.	Male.	Female.			
Canadian Northern Telegraph Co.	Toronto.	580,930	4,042	60	5	129	60,910 06
Canadian Pacific Railway Co.	Montreal.	3,581,423	217,846	431	91	1,015	1,183,127 91
Dominion Government Telegraph Service.	Ottawa.	377,849		780	122	168	402,536 61
Grand Trunk Pacific Telegraph Co.	Montreal.	144,164		175	3	42	82,633 44
Great North Western Telegraph Co. of Canada	Toronto.	1,310,502	350,114	1,821	82	483	615,809 13
Halifax and Bermuda Cable Co., Ltd.	London, Eng.					18	5,400 00
Murconi Wireless Telegraph Co. of Canada, Ltd.	Montreal	75,713	1,33,671	160	70	154,027 63	
North American Telegraph Co.,	Kingston, Ont.	81,035	3,971	68	16	1	4,601 16
Pacific Cable Board.	London, Eng.			10	..	18	64,601 07
Pembroke and Northern Ontario Ry. Com.	Toronto.	119,473	1,306	3	1	1	3,779 00
Western Union Telegraph Co.	New York	677,976	216,136	161	12	317,441 37	
Total.		9,952,137	977,389	3,677	363	2,233	665,251 92

* For six months ending Dec. 31, 1914.

TABLE 7.—Pole Mileage by Provinces.

Name of Company	Nova Scotia	New Brunswick	Prince Edward Island.	Quebec		Ontario	Manitoba	Saskatchewan	Alberta	British Columbia	Yukon.
				Miles	Miles.						
Canadian Northern Telephone Co.				513.00	462.00			2,117.10	1,182.90	1,100.00	
Canadian Pacific Railway Co.								2,776.00	1,885.00	1,744.00	
Dominion Government Telegraph Service				847.00	83.25	† 11.00	2,144.25				
Grand Trunk Pacific Telegraph Co.							28.00	1,193.00	1,630.70	717.00	
Great North Western Telegraph Co. of Canada					455.00			306.70	1,107.25	680.00	
North American Telegraph Co.								70.00	70.00		
Temiskaming and Northern Ontario Ry. Commission								330.00			
Western Union Telegraph Co.				1,554.00	995.00		48.00	98.50		122.81	
Total				2,944.00	2,000.25	14.00	6,863.25	11,161.40	4,210.40	7,319.31	786.00

*43,70 miles in State of Minnesota. †In Newfoundland.

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TABLE 8.—Wire Mileage by Provinces.

Name of Company.	Nova Scotia.	New Brunswick.	Prince Edward Island.	Quebec.	Ontario.	Manitoba.	Saskatchewan.	Alberta.	British Columbia.	Yukon.
Canadian Northern Telegraph Co.	.....	.....	.....	.....	.....	2,762.10	*7,673.00	6,176.80	3,315.50	192.00.....
Canadian Pacific Railway Co.	2,577.00	2,878.00	.....	9,359.00	35,502.00	11,483.00	16,018.00	14,253.00	11,550.00	.....
Dominion Government Telegraph Service	993.50	118.25	14.00	2,398.00	45.00	.....	1,034.50	1,221.00	5,028.25	586.00
Grand Trunk Pacific Telegraph Co.	.....	.....	.....	.....	1,166.75	1,784.75	3,832.75	3,705.25	,4,111.00	.....
Great North Western Telegraph Co. of Canada	.....	.....	457.00	.....	10,774.00	20,778.00	944.00	.....	.....	.....
North American Telegraph Co.	.....	.....	.....	.....	.....	664.00	.....	.....	.....	.....
Temiskaming and Northern Ontario Ry. Commission	.....	.....	.....	.....	.....	.....	1,407.00	.....	.....	.....
Western Union Telegraph Co.	7,908.95	5,237.55	.....	.....	48.00	3,858.50	.....	.....	628.00	.....
Total	11,474.45	8,690.80	14.00	22,579.00	66,183.35	21,884.75	27,062.05	22,494.75	21,866.25	586.00

* 596.80 miles in State of Minnesota.

† In Newfoundland.

TABLE 9.—Number of Offices by Provinces.

Name of Company.	Nova Scotia.	New Brunswick.	Prince Edward Island.	Quebec.	Ontario.	Manitoba.	Saskatchewan.	Alberta.	British Columbia	Yukon.	Total.
Canadian Northern Telegraph Co. ....	.....	.....	.....	.....	117	128	151	45	.....	.....	441
Canadian Pacific Railway Co.	26	24	.....	220	486	165	237	146	142	.....	1,446
Dominion Government Telegraph Service....	126	30	†2	180	8	14	26	31	450	17	870
Grand Trunk Pacific Telegraph Co. ....	.....	.....	.....	.....	14	53	30	22	22	.....	133
Great North Western Telegraph Co. of Canada. ....	.....	40	.....	412	549	113	143	44	.....	* 37	1,338
North American Telegraph Co. ....	.....	.....	.....	.....	46	.....	.....	46	.....	.....	46
Temiskaming and Northern Ontario Railway Commission. ....	.....	.....	.....	.....	26	.....	.....	26	.....	.....	26
Western Union Telegraph Co.	136	65	.....	.....	5	.....	.....	.....	29	.....	235
Totals.	288	159	2	817	1,246	420	610	296	643	54	4,535

* In the United States. † In Newfoundland.

